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SE 26 May 1983

(87) International publication data

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En 8 Dec 1983

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F24J 3/02

(52) Domestic classification
F4U 60

(56) Documents cited by ISA
US A 4167935
US A 4271825

(58) Field of search by ISA
INT CL³ F24J 3/02
US CL 126: 270, 271, 450
including SE, NO, DK, FI classes as above

(71) Applicant

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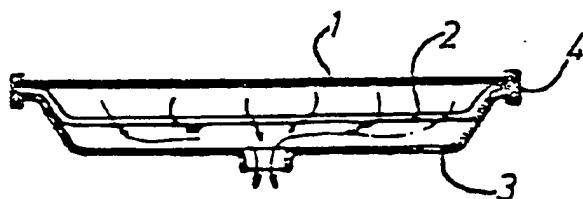
A. A. Thornton & Co., Northumberland House, 303-306
High Holborn, London WC1V 7LE

(72) Inventor

Carl Robert Sundquist

(54) Solar collector

(57) In a solar collector, an absorber element (2) is enclosed between a supporting panel (3) and a transparent cover (1). The supporting panel is compression moulded of a fiber material with a thermosetting binding agent to a generally trough-like shape having a bottom portion and side walls made integral therewith. According to the invention, the degree of compression of the supporting panel (3) varies such that it is less compressed and has a greater thickness at portions in which the requirement of thermal insulation is high, and more compressed at portions in which the requirement of strength is high.



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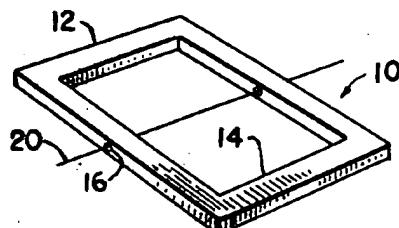


FIG. 1

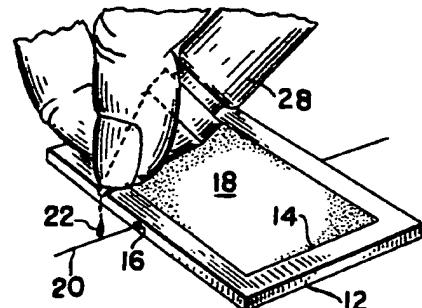


FIG. 2

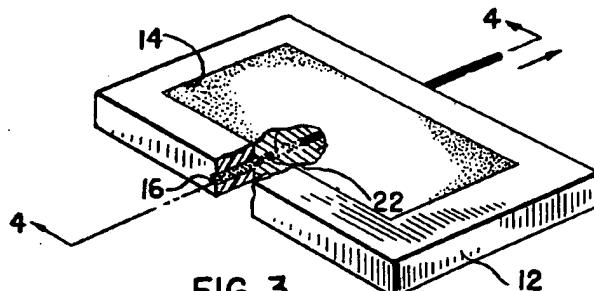


FIG. 3

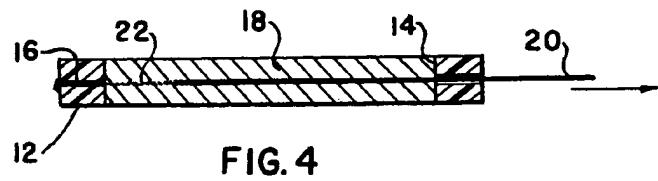


FIG. 4

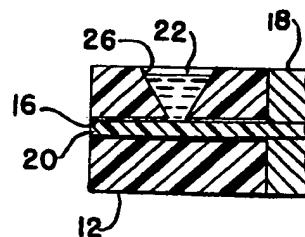
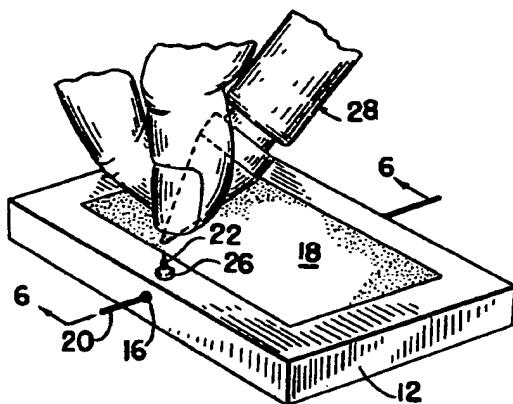


FIG. 6

FIG. 5

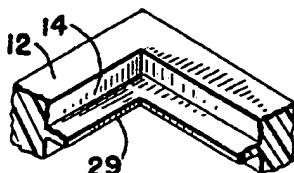
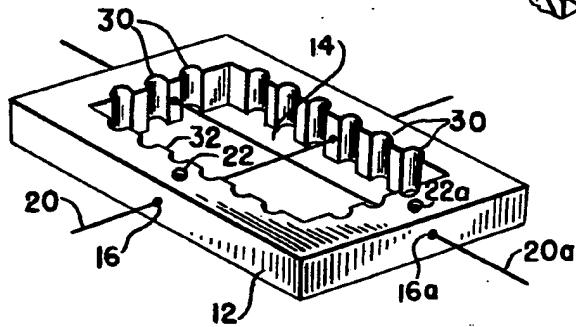


FIG. 8

FIG. 7

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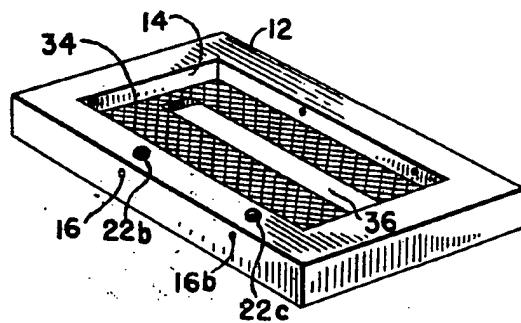


FIG. 9

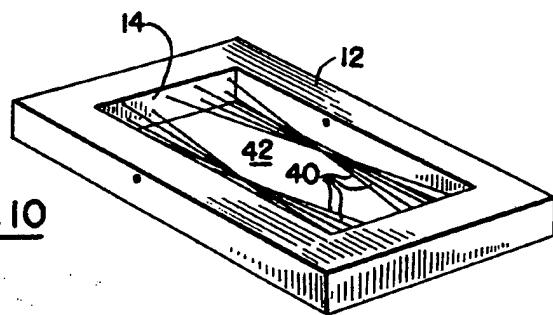


FIG. 10

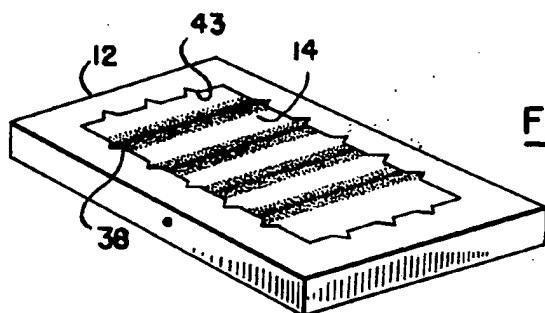
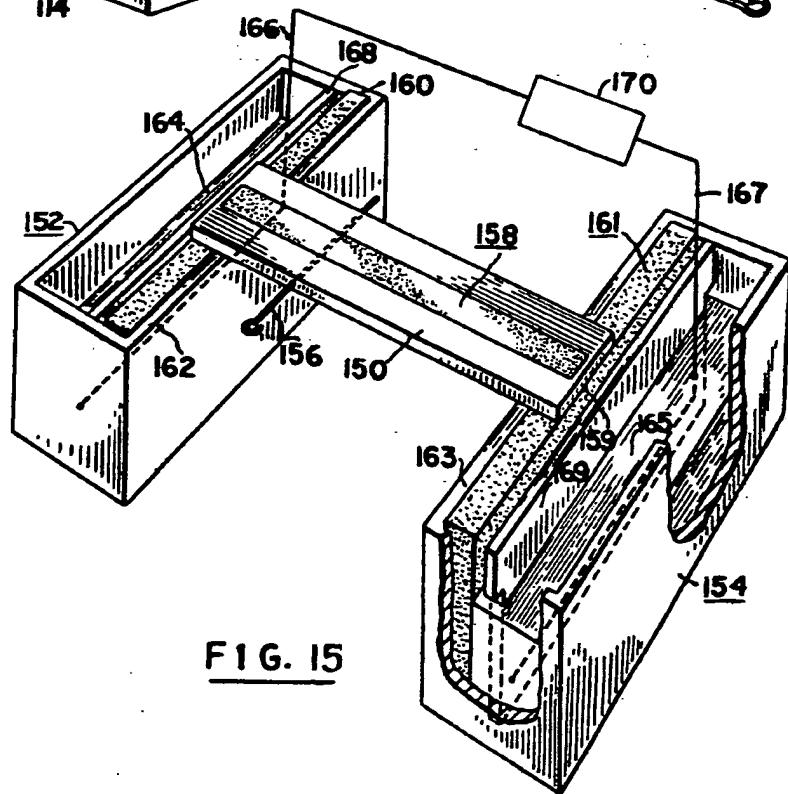
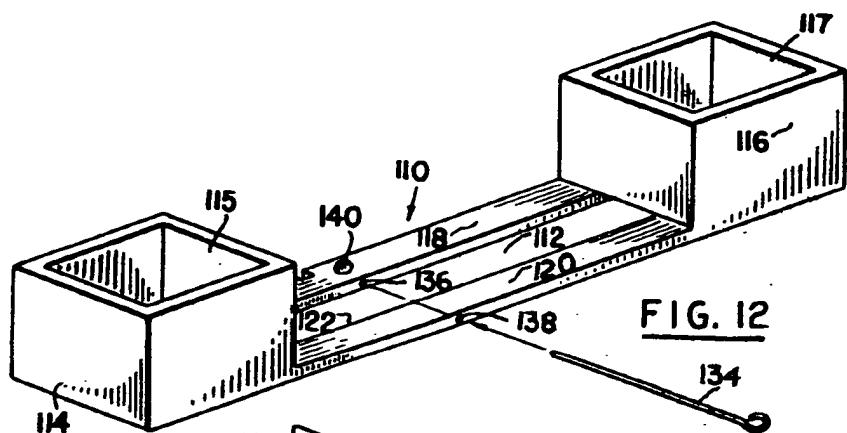


FIG. 11

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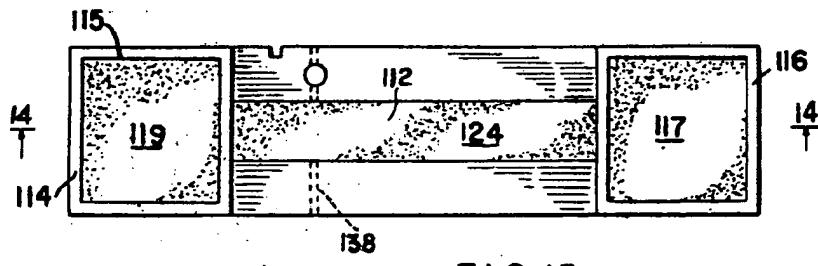
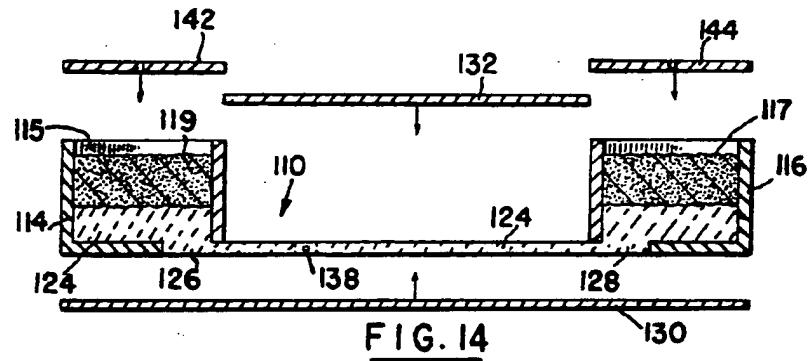
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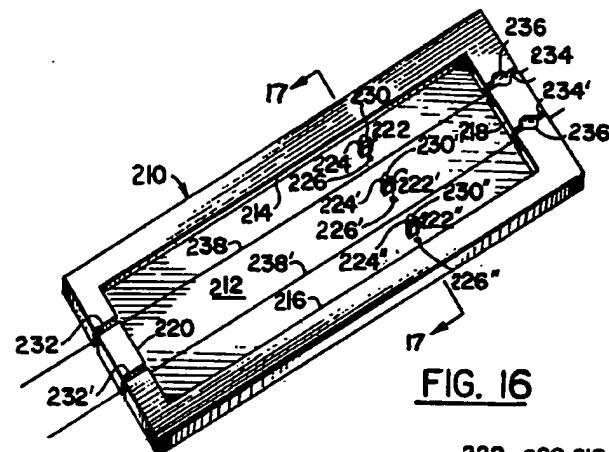


FIG. 16

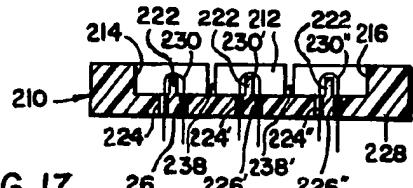


FIG. 17

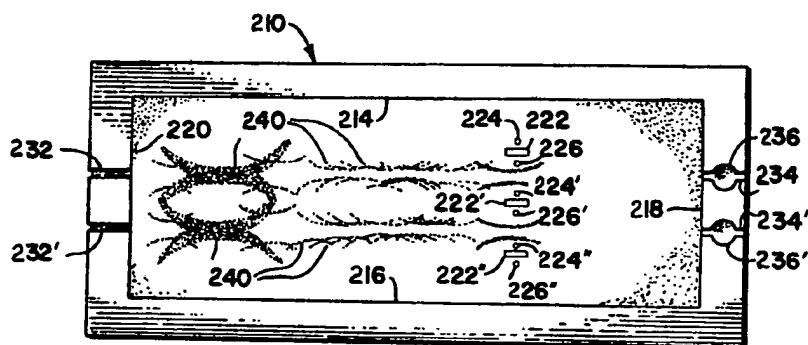


FIG. 18

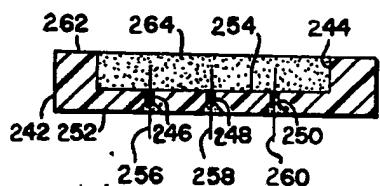


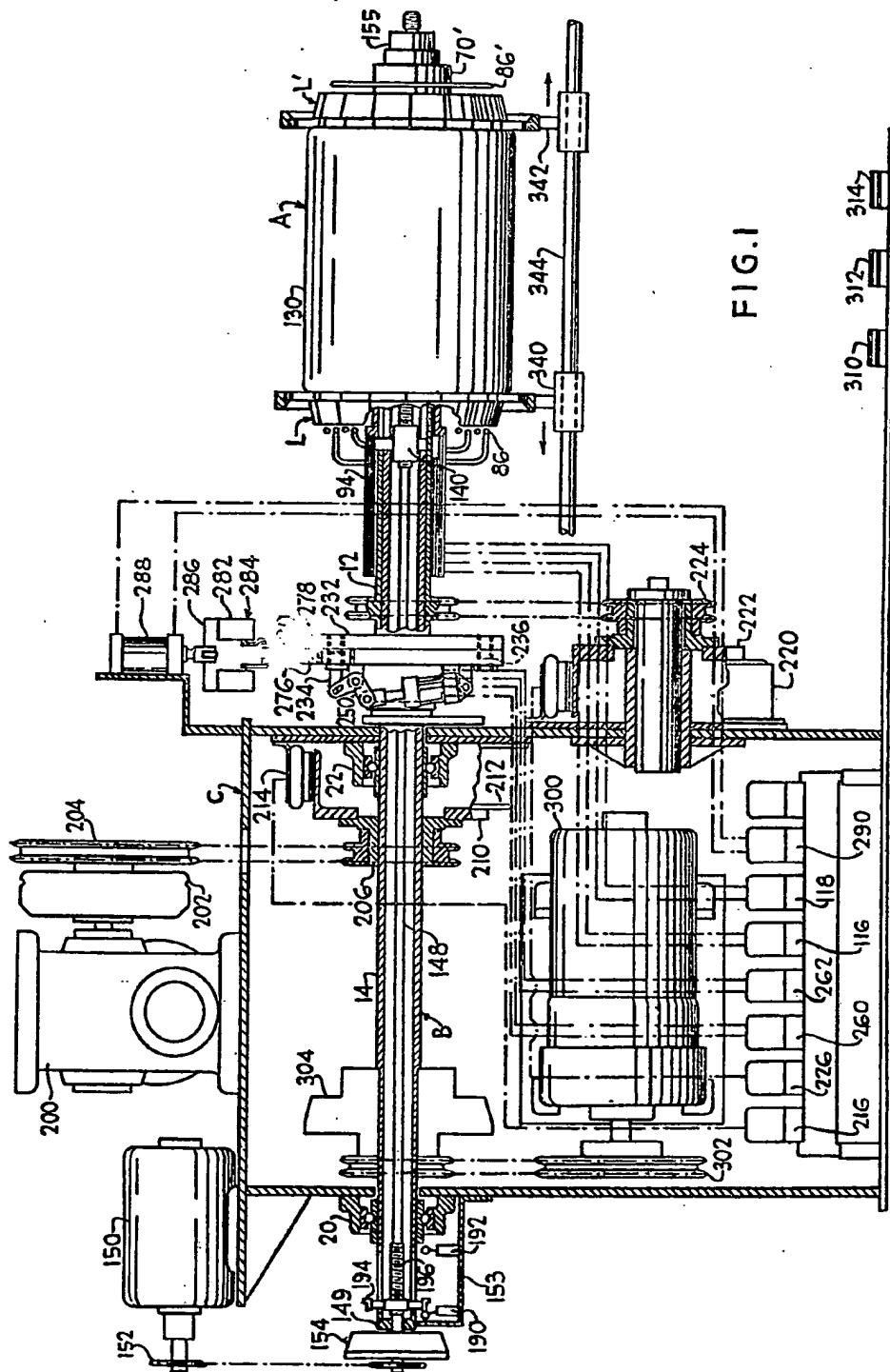
FIG. 19

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39a 6 17-16 AT: 10.08.1971 OT: 10.02.1972



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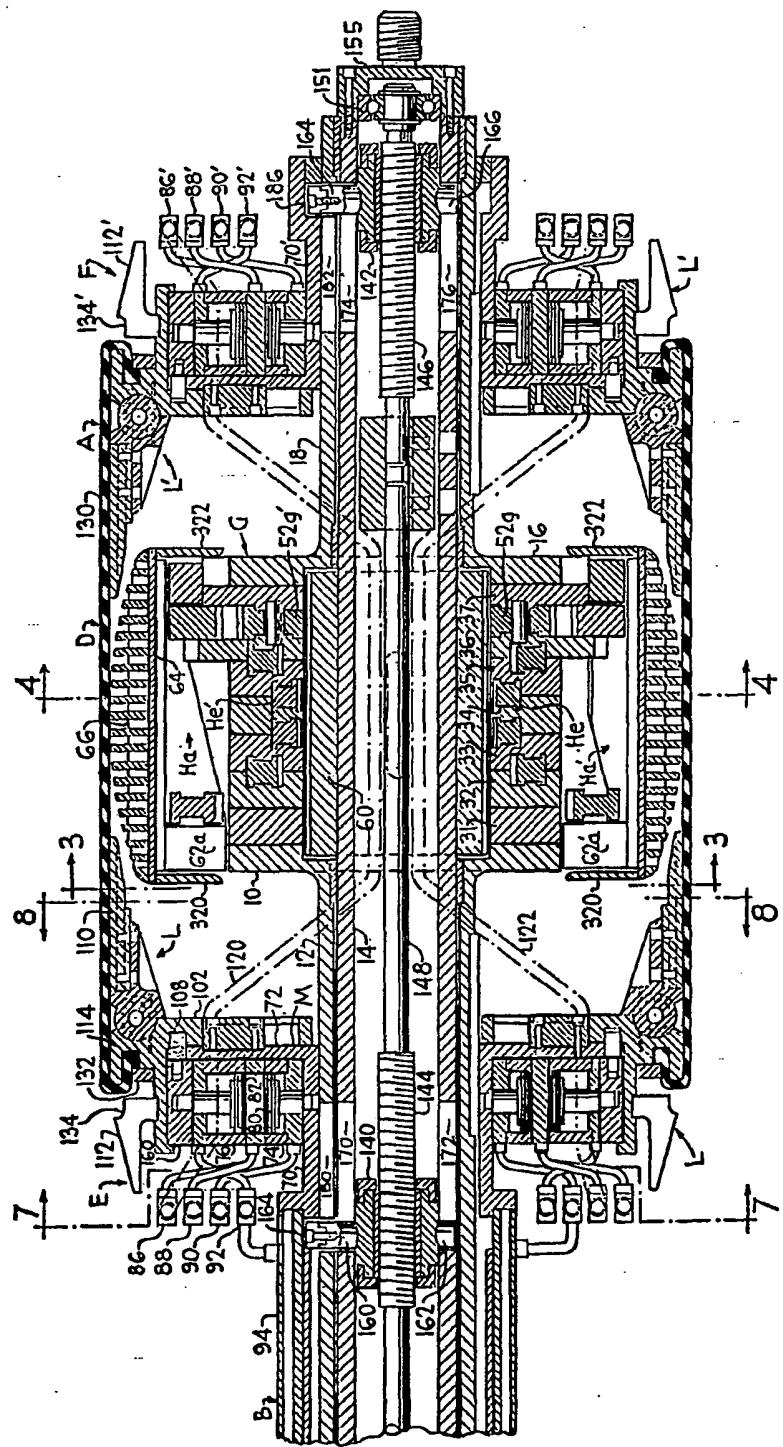


FIG. 2.

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Surgeon General 10. P.M.

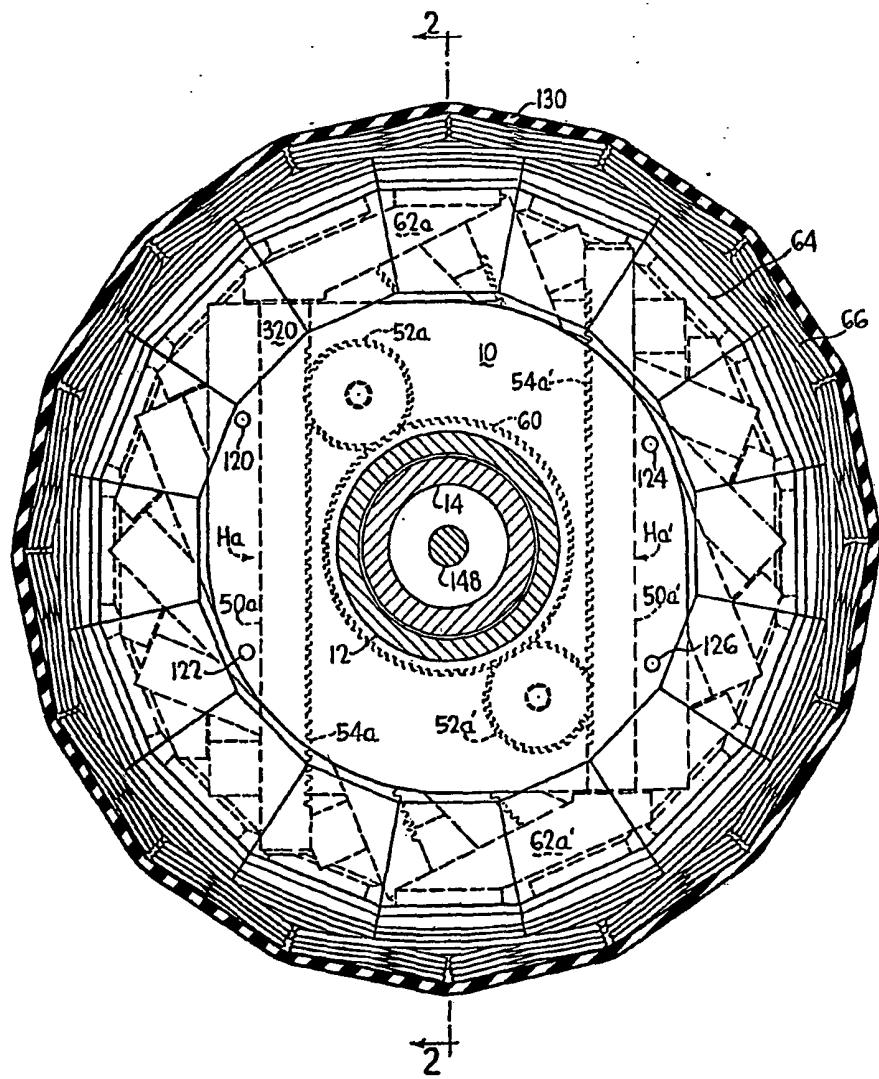


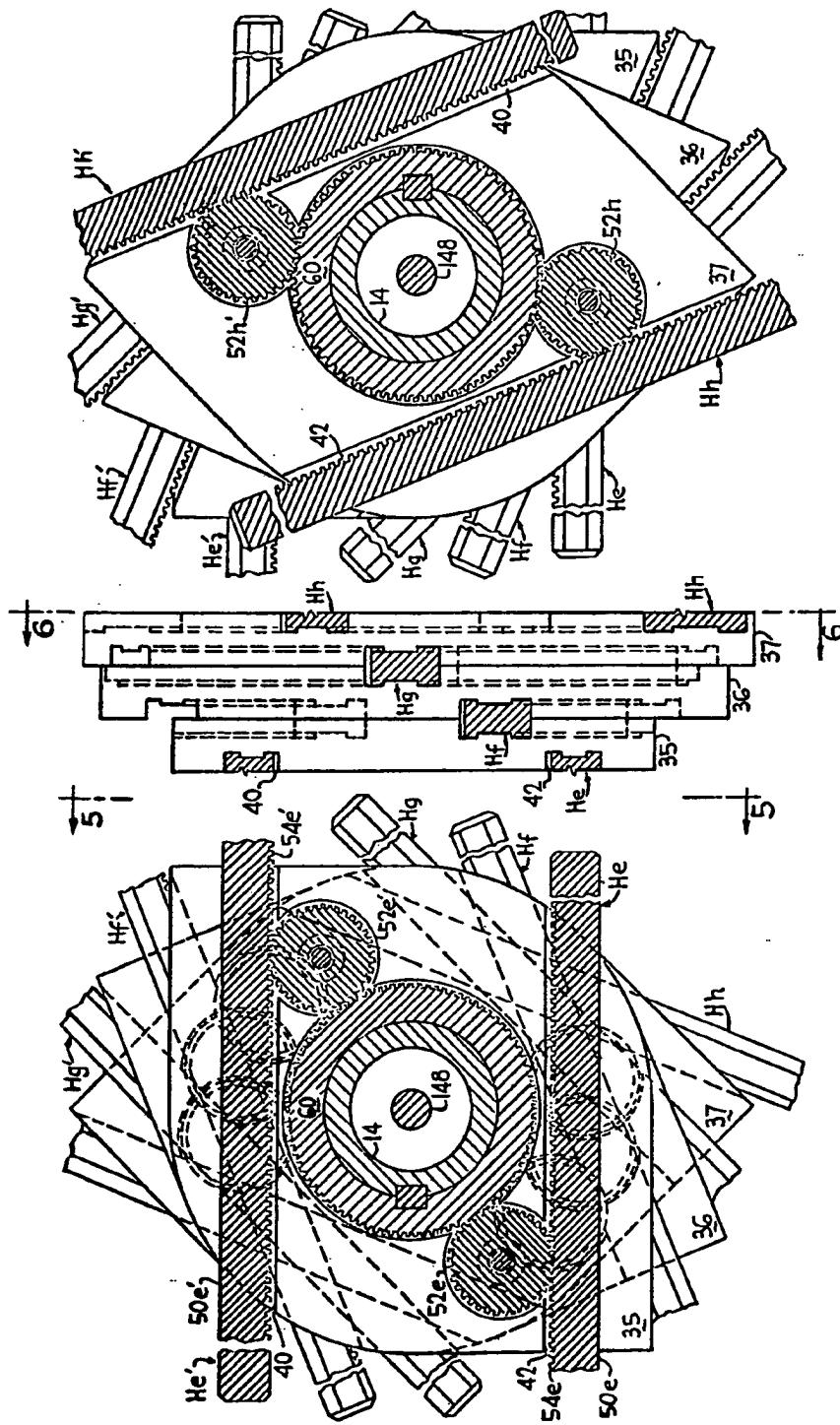
FIG. 3.

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FIG

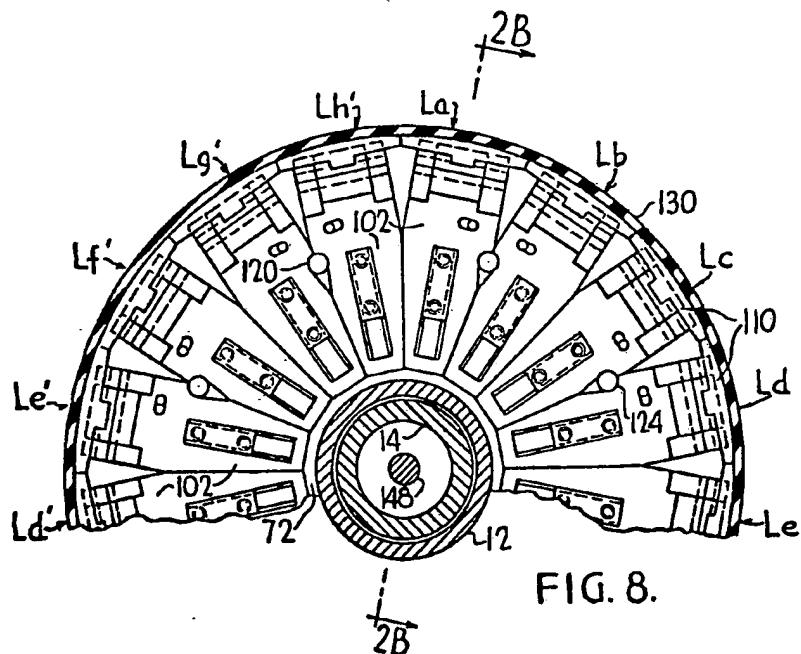
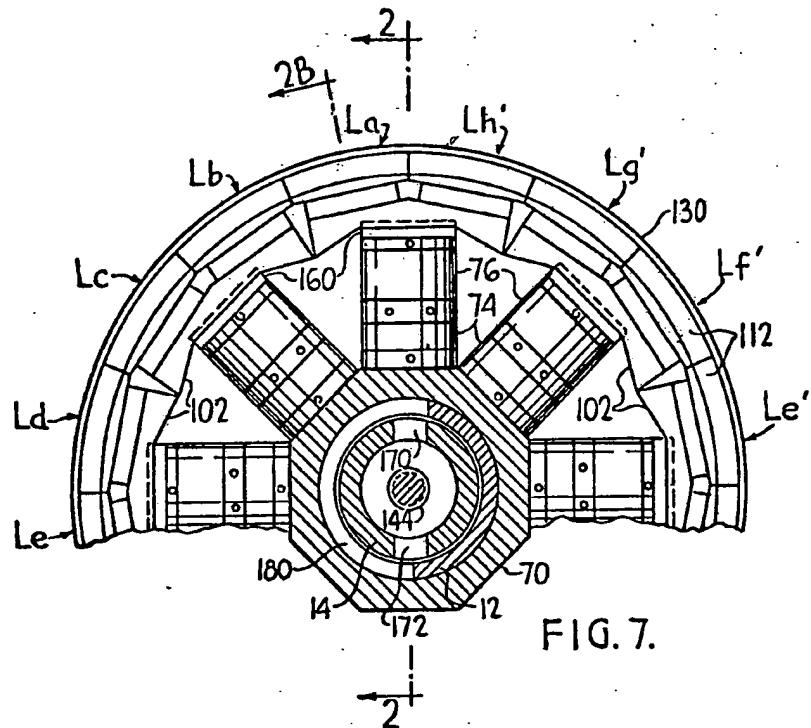
FIG. 4.

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Vereinigungen am 10.8.31.

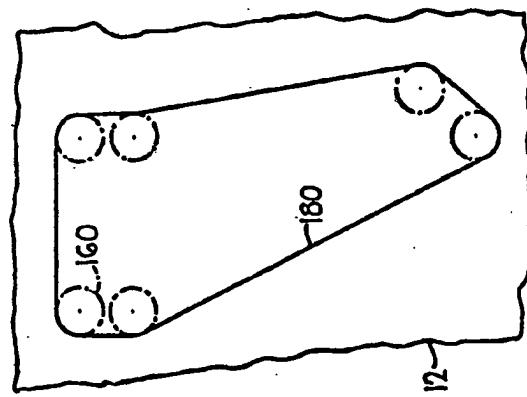


FIG. III.

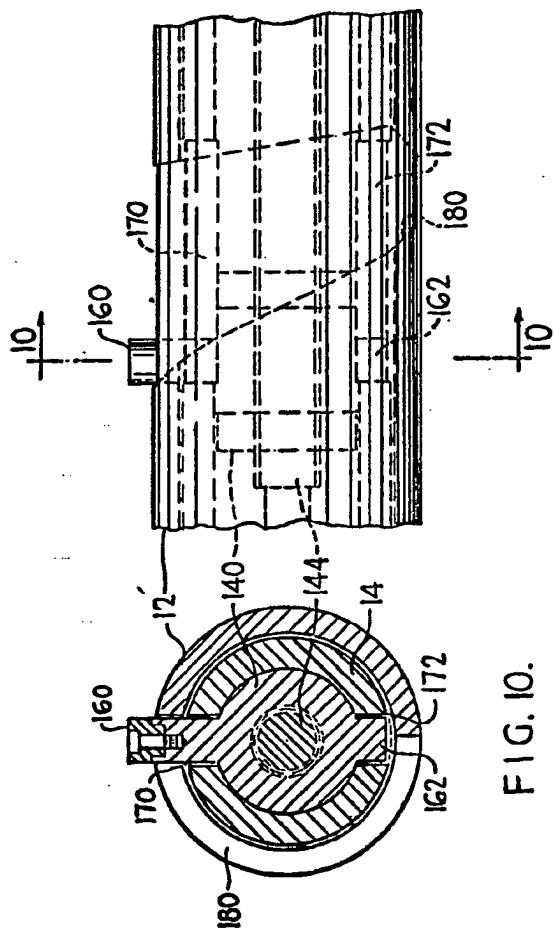


FIG. 9.

FIG. 10.

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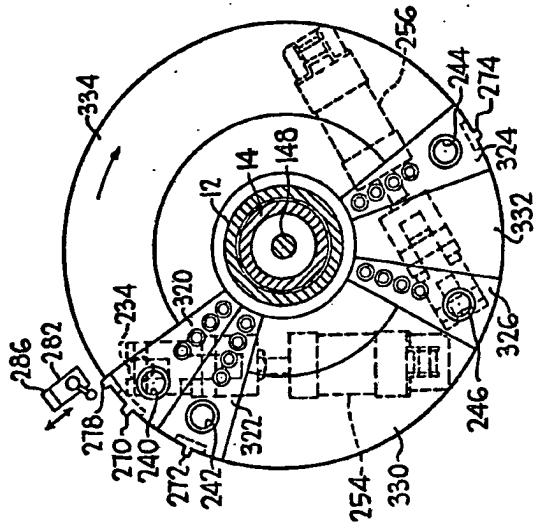


FIG. 14.

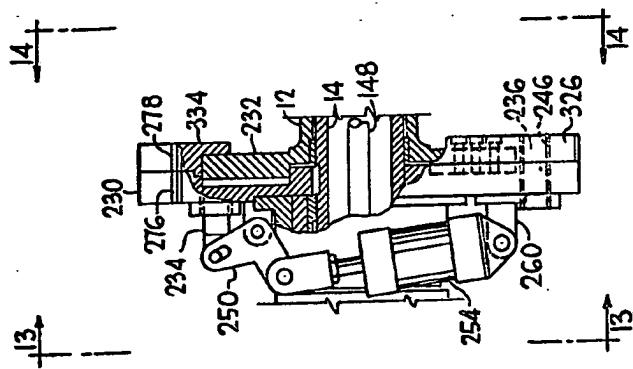


FIG. 12.

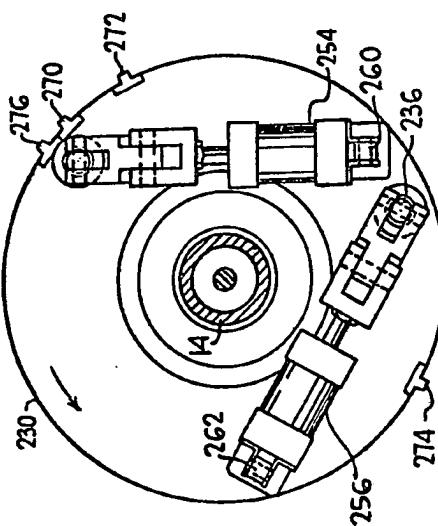


FIG. 13.

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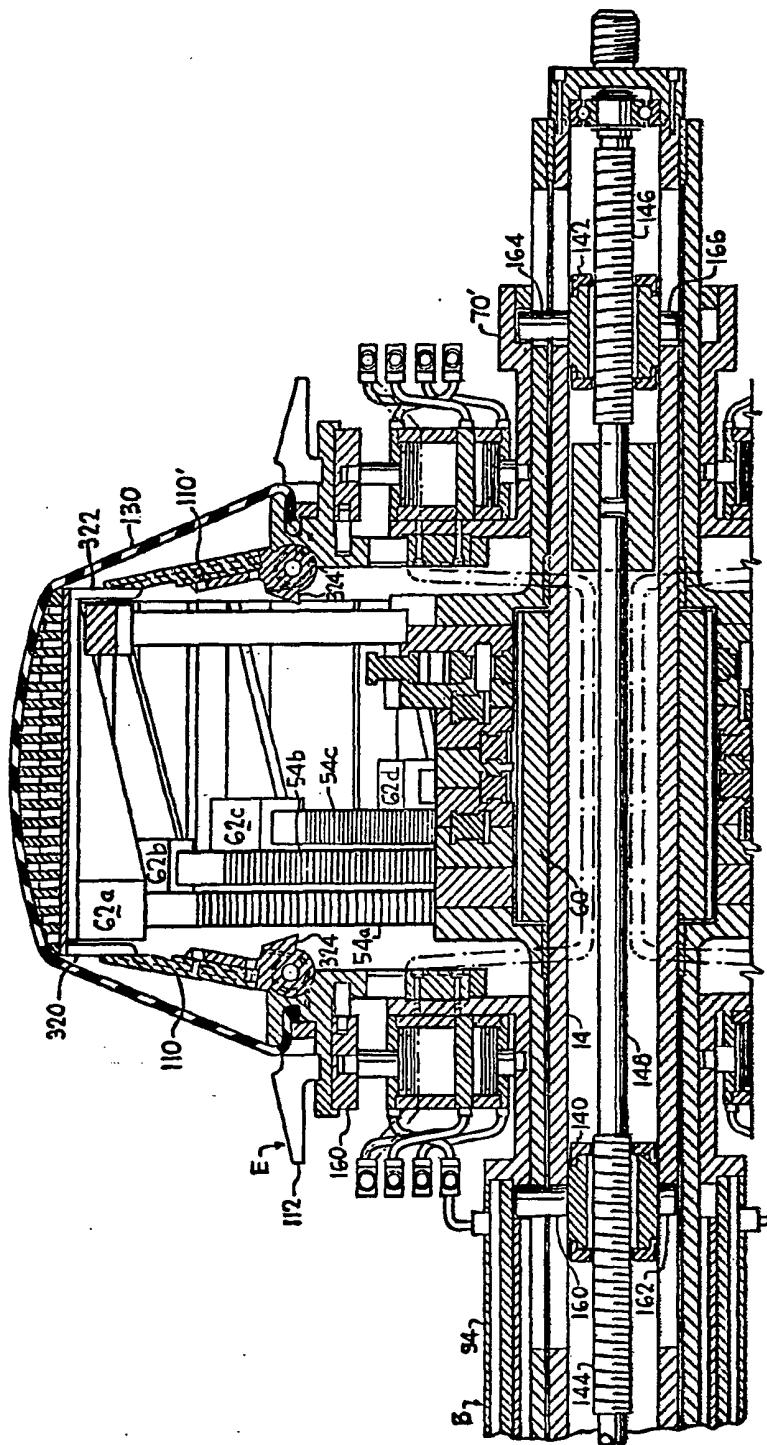


FIG. 15.

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